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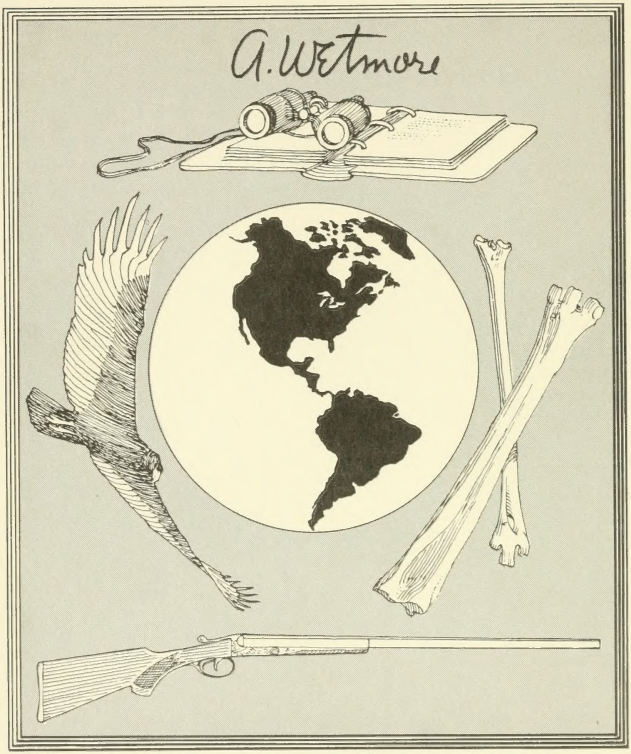
Libraries



Alexander Wetmore

1946 *Sixth Secretary* 1953

A. Wetmore

Ornithological Directory.

WILLARD, DEL.

D. H. Eaton

Mar 28 1877

otone Ills.

A. Wetmore

An abridged edition included pp. 1-40 complete

41-58 omitted, continued with advertisements beginning with "Southwick & Jencks", through "The Oologist", with the final page reversed "To collectors of Birds eggs" and then page on "Artificial Eyes" at end, followed by two blank pages, and the hard back cover.

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Birds

A

DIRECTORY

OF THE

ORNITHOLOGISTS

OF THE

UNITED STATES.

Comprising a list of the Collectors and Students of Ornithology, with the Valuations of their Collections; Number of Species represented; &c., &c.; supplemented by statistics of value and information concerning Public and Private Collections; Average Value of Public and Private Collections; Topics of Interest to Amateurs; &c., &c.

S. L. WILLARD.

UTICA, NEW YORK:
1877.

SMITHSONIAN

UTICA, NEW YORK:
Printed and Published at the Office of
The Oologist.

INTRODUCTORY.

THIS pamphlet is the suggestion of many of the prominent ornithologists and collectors of the United States, and does not pretend to occupy any field whatever, in any branch of study; it is simply an abridged list of the many persons who pursue ornithology and oölogy as recreative science. Considerable time has been expended in obtaining the names and addresses presented, but nevertheless, it will be seen that there is much room for addition and correction. The character of the entire compend is such, that it is impossible, under ordinary circumstances, to present a compilation of even acceptable conciseness. Many of our most studious naturalists occupy isolated localities, and are seldom seen or heard from; this is one reason of the notable imperfection in the list of southern collectors; the information is so meager, that anything but favorable deductions can be made. As far as obtainable, the number of species represented in public and private collections, with the valuations of the same, have been given, as it is believed that benefit may be derived therefrom, and geographical comparisons be made.

Many omissions have been made on account of imperfect address; in other words, many names without any address at all, and without means of their being obtained. A notable example of this, is the Canada department. The entire list of North American ornithologists, per the Directory, numbers about three-hundred forty, which, it will be observed by a comparison with the es-

timate on page 25, comprise about forty per cent. of the actual number. It might be added, however, that a large percentage of that estimate are transient collectors. At the request of many ornithologists, a list of the Birds of Central New York, with notes on their abundance, etc., has been added.

Many thanks are due the professors and students of ornithology generally, for their assistance in furnishing various items and information concerning collections, and it is to be hoped that the statistics set forth, may prove of use to the collector in many ways. As a Directory, the success of the enterprise is warranted by the appreciation with which the project was received.

Utica, N. Y., 1877. S. L. W.

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A

DIRECTORY

OF THE

ORNITHOLOGISTS

OF THE

UNITED STATES.

DIRECTORY.

As far as consistent with classification, alphabetical and natural order have been observed. To find a particular name or address, pursue first a search for the State, then by examining the names alphabetically, the address is readily established.

☞When not otherwise designated, the figures regarding collections will be understood to signify the number of species.

New England.

MAINE.

Brown, J. E., Bangor; 79 Broadway. Collector.

Knight, C. E., Wiscasset. Coll.

Longfellow, Gilbert, Machiàs. Coll.

Merton, H., Richmond. Coll.

Owen, Edward, Richmond. Coll.

Plummer, J. B., Addison. Coll.

Stanton, Prof. J. Y., Lewiston; of Bates College. Ornithologist. *Eggs*, 300. *Maine Birds*, 260.

VERMONT.

BOUGHTON, H. E., Castleton; Box 152. Coll. *Eggs*, 126: Value, $20.

Burnett, E. G., Poultney; Box 60. Coll.

Edson, Geo, E., St. Albans. Coll.

GRANT, G. H., Castleton. Coll.

Guernsey, W. H., Castleton. Coll.

HOOKER, J. N., Castleton. Coll. *Eggs*, 91: Value, $22.

Hunter, O. R., Brattleboro. Coll.

Langdon, E. G., Castleton. Coll.

Mascott, W., Castleton. Coll.

Miller, C. C., Burlington. Coll.

Moulton, Wm. C. Jr., Castleton. Coll.

Pope, Geo. A., Burlington. Coll.

POWERS, CHARLES N., Middlebury; Addison co., Box 513. Private coll. *Eggs*, 125; Value, $30.

Rand, B., Pittsford. Coll.

Richardson, Geness, Rutland. Coll.

Sherman, Fred. S., Castleton; Box 163. Coll.

Smart, John, Jr., Castleton; Box 82. Coll.

Stinson, Frank, Burlington. Coll.

Strong, Thomas, Castleton. Coll.

Willard, W., Castleton. Coll.

[NOTE.—There are in the vicinity of one-hundred collectors and students of ornithology in Vermont, whose names could not be obtained. Probably one-third, more or less, of this number live in or near Castleton.]

MASSACHUSETTS.

Allen, J. A., Cambridge. Ornithologist. Ornith. of Society of Comparative Zoölogy.

Allyn, O. D., Holyoke. Coll.

Bailey, H. B., Boston; 13 Exchange Place. Ornith.

Baylie, E. L., Taunton. Coll.

Brewer, Dr. Thomas M., Boston. Private Ornithologist. *Birds*, 1700!

Brewster, William, Cambridge. Ornithologist. *Eggs* 275 species, 2000 specimens. *Skins*, 500 species, 4000 specimens. *Birds*, 500 specimens: Value of collections, $5000.

Brewster & Knowlton, Boston; 18 Arch st. Taxidermists and Dealers.

Brown, Thomas M., Boston; 47 Franklin st. Coll.

Cassino, S. E., Salem. Ornith. and Nat'st. Of Naturalists' Agency.

Colburn, A. J., Boston; 486 Washington st. Taxidermist and Dealer.

Crane, E. P., Brockton. Coll.

Crum, Milo T., Holyoke; Lyman Mills. Coll.

Dall, Wm. H., Boston. Private Ornithologist.

Deane, Ruthven, Cambridge; Middlesex co. Private Ornithologist and Coll.

Dickinson, E., Springfield; 73 Spring st. Private Coll. and Dealer. *Eggs*, 440: Value, $1000.

Drew, E. C., Kingston. Coll. Species, in coll., 85: Value, $20.

Eager, Winchester W., West Newton. Coll.

Gaumont, F. S., West Newton. Coll.

Goodale, Charles J., Boston; 93 Ludbury st. Coll.

Harem, Frank, Georgetown. Coll.

Harrington, C., Jr., Wenham. Coll.

Harrington, Edward, Salem; 23 Boston st. Coll.

Hazen, Frank, Bradford. Coll.

Henshaw, H. W., Boston; Corn Hill st. Ornithologist. Of South-western Surveys.

Lyon, Wm. L., Cambridge. Coll.

Mann, M. B., Cambridge. Coll.

MAYNARD, C. J., Newtonville. Naturalist and Coll. *Skins*, 500 specimens. *Birds*, 500 specimens: Value, $600.

Maynard, C. J. & Co., Newtonville. Dealers. *Eggs*, 3000 specimens. *Skins*, 6000 specimens: Value, $4500.

MERRILL, F. O., Bradford. Coll. *Eggs*, 140: Val. $45.

Miller, W. K., East Taunton. Coll.

Morse, Frank E., Bradford; Box 11. Coll.

Neilson, A. S., Salem; 23 Boston st. Coll.

Newcomb, R. L., Salem; 7 Cherry st. Coll.

Pearl, E. E., Georgetown. Coll.

PURDIE, H. A., Boston; State House. Ornithologist and Coll. Will exchange specimens.

Putnam, F. W., Salem. Ornith. and Nat'st.

Shoals, Geo. H., East Hampton. Coll.

Stebbins, Edward S., Boston; 21 Pembroke st. Coll.

Stetson, A. A., Kingston. Coll. *Birds*, 145. *Eggs and Nests*, 50: Value, $75.

Taber, C. H., Holyoke. Coll.

Towne, E. B., Jr., Newton; Box 344. Coll.

TYLER, W. C., Bradford. Coll. *Eggs*, 130: Val., $35.

WARREN, JESSE, West Newton. Coll.

Webber, Fred. W., Cambridgeport; 771 Main st. Coll.

Welsh, Geo. O., Lynn. Taxidermist and Dealer.

WHEELER, H. A., Boston; 32 Broomfield st. Retired Coll. and Ornithologist.

Williams, C. P., Wenham; Box 114. Coll.

Willis, F. D., Pittsfield; L'k box 987. Coll.

Winslow, S. W., Salem; 15 Dean st. Coll.

CONNECTICUT.

Brand, Junius A., Norwich. Coll.

Coe, W. W., Portland. Coll.

Durand, John S., New Haven; 15 Home Place. Coll.

Heath, Charles R., Mystic River. Coll.

Markley, A. W., Washington. Coll.

Merriam, Clinton Harte, New Haven; Yale College.

Nichols, Walter R., New Haven; care John W. Nichols. Coll.

Sage, John H., Hartford; Ætna Life Ins. Co. Coll.

Shores, E. I., Suffield. Coll.

Spicer, Ludlow, Noank. Naturalist.

Whipple, Jennie May, Norwich. Coll.

RHODE ISLAND.

Anthony, George P., Westerly. Coll.

Barber, A., Westerly. Private Ornithologist.

Brown, R. W., Westerly; Box 542. Coll.

Carpenter, C. M., Providence. Coll.

Carrolton, Arthur, Providence. Coll.

Harand, R. G., Providence; Box 451. Coll.

Howland, J. S., Newport; Box 206. Coll. *Eggs*, 225 in setts: Value, $300.

Jencks, Fred. T., Providence; Box 388. Private Coll. and Taxidermist. *Eggs*, 150 species, 500 specimens. *Skins*, 250 species, 1800 specimens: Value, $1000.

Jillson, J. D., Hope Valley. Coll. and Taxidermist.

Peckham, Byron J., Westerly; Box 396. Coll.

Rogers, Fred., Westerly. Oölogist and Coll.

Sisson, A. D., Westerly; Box 595. Coll. *Eggs*, 130.

Tomlinson, E. T., Westerly. Coll.

Waterous, William, Westerly. Oölogist.

Williams, Olliver F. H., Westerly. Coll.

[Note.—Rhode Island has in proportion to its size, nearly as many collectors as any State in the Union. The above names comprise about one-half the ornithologists of the State.]

Estimated No. of Active Collectors and Ornithologists in New England, ... 250.

Middle States.

NEW YORK.

Abbott, W. P., Utica; Seneca st. Coll.

Akhurst, John, Brooklyn; 19 Prospect st. Coll.

Allen, Fred. I., Auburn; 3 James st. Coll. *Eggs*, 215 species, 300 specimens: Value, $100.

Ashmore, John E., Utica; Oneida st. Coll. *Eggs*, 85: Value, $40.

Babcock, W. I., Brooklyn; 161 Lefferts Place. Coll.

Bagg, Clinton L., Locust Grove; Lewis co. Coll.

Bagg, Egbert, Utica; Genesee st. Ornith. and Coll.

Ballou, W. H., Mexico; Oswego co. Coll. *Eggs*, 115 species, 150 specimens.

Bell, John G., New York; 335 Broadway. Taxidermist and Ornithologist.

Bendire, Capt. Chas., U. S. A., New York. Ornithologist and Coll. Large Oölogical Collection.

Blackstone, E. C., Washington Mills; Oneida co. Coll.

Boyce, John, Lockport. Retired Coll.

Breese, Wm. L., New York; 37 East 22nd st. Coll.

Butler, Frank A, Brooklyn; 314 Union st. Ornith. and Coll. Collection of Birds.

Carpenter, C. F., Utica; Broad st. Coll.

Clark, E. B. C., Utica; 20 Seneca st. Coll. *Eggs*, 75.

Conway, Ed. B., New York; 55 Carmine st. Coll.

Cunningham, Seymour, Troy; 28 1st st. Coll.

Daniels, John, New York; 73 East 127th st. Coll.

Davidson, S. H., Saratoga Springs. Coll.

Davis, Chas. P., Utica; 357 Genesee st. Taxidermist. *Eggs*, 350.

Davis, C. P. & Sons, Utica; 357 Genesee st. Taxidermists and Dealers.

Davis, Fred. J., Utica; 357 Genesee st. Ornith. and Coll. *Eggs*, American, 230, European, 175: Value, $450.

Davis, Geo. A., Mexico; Oswego co. Taxidermist and Coll. *Birds*, 200: Value, $350.

Davis, Jos. P., Utica; 357 Genesee st. Taxidermist.

Fowler, H. G., Auburn. Coll.

French, Hamlin, New York; 117 Walnut st. Coll. &c.

French, W. S., New Hartford; Oneida co. Coll. *Eggs*, 100 species, 225 specimens: Value, $35.

Gibson, Wm. H., M. D., Utica; cor. Hart and Plant sts. Coll. and Naturalist.

Goodale, J. R., Utica; 230 Genesee st. Coll.

Hall, Derrick L., Troy; 156 Second st. Coll.

Harding, B. C., Sing Sing; care H. C. Lyon. Coll.

Haynes, Wm., Macedon; Wayne co. Coll.

Herrick, Harold, New York; 38 Troy st. Coll.

Hollingworth, H. A., New York; 74 Beekman st. Coll.

Hough, Romeyn B., Lowville; Lewis co. Coll.

Hughes, W. F., New York; 331 Madison ave. Coll.

Hurst, James, Albany; 9 and 11 Elm st. Ornith. and Tax. Natural history stereoscopic views.

Jones, H. T., Rochester. Coll. *Eggs*, 200 in setts:

KEPPEL, RICHARD, Utica. Coll. *Eggs*, 85 specimens: Value, $15.

KIDDER, DR. J. H., Brooklyn; 1380 Pacific st. Ornithologist. Of Smithsonian Institution.

Kilham, J. T., Turin; Lewis co. Coll.

KIRLEY, C. P., Lowville; Lewis co. Coll. *Eggs*, 500 specimens. *Birds*, 175.

LAWRENCE, GEO. N., New York; 45 East 21st st. Ornithologist.

Lawrence, Newbold T., New York; 44 E. 29 st. Coll.

Ledyard, Geo. S., Cazenovia. Ornithologist.

Lefferts, Oscar, New York; 91 Fulton st. Coll.

Lombard, James, Utica; 230 Genesee st. Dealer in live birds: Value of stock, $200.

Marshall, Dyer M., Oswego. Coll.

Merriam, C. H., Locust Grove; Lewis co. Ornithologist and Coll. [Also New Haven; Yale College.]

MITCHELL, JOS. D., Mt. Vernon; Box 150, Westchester co. Coll. Value of collection, $325.

Newland, Fanny E., Utica; William st. Private Coll.

NOTTBECK, PETER DE, Fishkill-on-the-Hudson. Coll.

Olliver, A. D., Oswego. Coll.

Osborne, S. D., Brooklyn. Coll.

Ottaway, John E., Clinton; Oneida co. Coll.

Reich, A., New York; 4th ave. Dealer in birds, etc.

Richardson, B. H., Brooklyn; 243 Carroll st. Coll.

Roach, John, Jr., Morgan Iron Works. Coll.

Roome, J. H., New York; 55 Carmine st. Coll.

Ruhe, L., New York; B'dway. Dealer in birds, etc.

Scrimgeour, R. C., New York; 92 Fulton st. Coll.

Servoss, W. E., Rochester; 4 Perkins st. Coll.

Severance, J. A., Mexico; Oswego co. Coll.

SHELDON, G. H., Brooklyn; 123 Montague st. Coll.

Sherman, Sanford F., New Hartford; Oneida co. Coll. *Eggs*, 175 species, 400 specimens: Value, $125.

SMITH, GREENE, Peterboro; Madison co. Private Ornith. and Coll. *Birds*, 750. *Humming Birds*, 250: Value, $5000.

Smythe, Chas. H., Jr., Clinton; Oneida co. Coll.

STEARNS, T. B., Brooklyn; 64 First Place. Coll.

STONE, DWIGHT D., Oswego; 193 Syracuse ave. Coll. *Eggs*, 189. *Birds and Mammals*, 293.

Thomas, Arthur, Utica; Kemble st. Coll.

Ulrich & Fiedel, New York; 16 North William st. Taxidermists.

Vail, Thomas, Troy; 48 Second st. Coll.

Wallace, John, New York; 19 William st. Taxidermist and Naturalist.

Walker, Frank, Utica; 8 Plant st. Coll. *Eggs*, 65. Value, $35.

Walker, W. C., Utica; 43 Genesee st. Dealer in birds.

Warren, Geo. B., Troy; 36 Third st. Coll.

Webster, F. S., Troy; 58 Vail ave. Coll.

Whitley, J. A., New York; 428 West 20th st. Coll.

Willard, S. L., Utica; 27 Oneida st. Ornith. and Coll. *Eggs*, 225 species, 400 specimens: Value, $300.

Willard, S. L. & Co., Utica; 27 Oneida st. Dealers and pubs. of THE OÖLOGIST. Value of colls., $375.

Wilder, Prof. B. G., Ithaca; Cornell Univ. Ornith.

Williams, Rob't H., Buffalo; 163 Delaware st. Coll.

Wilson, H. C., Peterboro; Madison co. Ornithologist.

WILSON, T. J., Auburn; Box 44. Coll. *Eggs*, 225 species, 500 specimens: Value, $100.

Wilson, T. J. & Co., Auburn; Box 44. Dealers.

Wood, Theo., Utica; Oneida st. Coll.

Wright, Frank S., Auburn; Box 910. Coll.

Yeoman, Alfred, New York; 146 Chatham st. Coll.

[NOTE.—There are a number of so-called taxidermists in New York State, who are neither interested in ornithology nor taxidermy. Such have been omitted, because they do not justly claim a place among students of ornithology.]

Long Island.

Brooklyn addresses were given under New York for the reason that letters intended for that city are usually directed N. Y., notwithstanding that it is situated on L. I.

ALLEN, C. S., Astoria. Coll. *Eggs*, 180 species, 496 specimens. *Skins*, 125 specimens. *Birds*, 621 specimens: Value, $220.

Batty, Jos. H., New Utrecht. Taxid. and Mfr. birds' eyes. *Skins*, 12000 specimens. *Eggs*, 1500 specimens, American and Foreign.

Lawrence, R., Flushing. Coll.

NEW JERSEY.

ABBOTT, CHAS. C., M. D., Trenton; Prospect Hill. Private Ornithologist.

ADAMS, J. L., JR., Bloomfield; Essex co. Coll. *Eggs*, 75: Value, $20.

Alexander, A. H., West Hoboken; Palisade ave. Taxidermist and Importer of foreign bird-skins.

APGAR, PROF. AUSTIN C., Trenton; 77 Mercer st. Ornithologist. *Eggs*, 100.

Bartlet, D., Metuchen. Coll.

Browning, F. T., Orange. Coll. *Eggs*, 225: Value, $100.

CANTINE, T. B., Orange; Box 555. Coll. *Eggs*, 100: Value, $30.

Carryl, Frank M., Franklin: Essex co. Coll.

Collins, Harry A., Burlington. Coll.

Curran, C. E., Newark; 16 Gouverneer st. Coll.

Davenport, Henry D., Bloomfield; Essex co. Coll. *Eggs*, 40: Value, $10.

Day, Wm. F., Bloomfield; Essex co. Coll. *Eggs*, 50: Value, $10.

Farrand, E. C., Bloomfield; Essex co. Coll. *Eggs*, 45: Value, $10.

Freeman, C. M., Metuchen; Box 1. Coll.

Hedges, C. E., Orange. Coll.

HUDNUT, E. L., Orange; Llewellyn Park. Coll. and Dealer. *Eggs*, 250: Value, $500.

LORD, CHAS. E., Metuchen; Box 244. Coll. *Eggs*, 190 specimens: Value, $40.

Lord, F. H., Princeton. Coll.

Marshall, W. B., Metuchen. Coll.

Millar, Harry, Newark: 325 Broad st. Coll.

Wallace, A. S., Orange. Coll.

PENNSYLVANIA.

Albertson, J. J., Haddonfield. Coll.

Ashmead, Wm. H., Bryn Maur; Montgom'y co. Coll.

Christ, Richard, Nazareth; Northampton co. Coll. and Ornith. *Eggs*, 400. Value of museum, $15,000.

Freedley, W. G., Philadelphia; 210 S. 24th st. Orn. *Eggs*, 350. *Birds*, 400 specimens.

Garrett, Harry, Sugartown; Chester co. Coll.

Hughes, W. E., Phoenixville; Chester co. Coll. *Eggs*. 150 species, 650 specimens.

Justice, A. R., Philadelphia; 319 North 33d st. Coll.

Krider, John, Philadelphia; cor. Walnut and Second sts. Ornith., Dealer and Taxidermist.

Matlack, J. Hoopes, Westchester; Chester co. Coll. *Eggs*, 250 species, 750 specimens: Value, $300.

Miller, I. S., Collegeville; Montgomery co. Coll.

Nevins, J. H., Philadelphia; 1630 Locust st. Coll.

Ricksecker, Edmund, Nazareth; N'hampton co. Ornithologist and Coll. *Eggs*, 400.

Rothe, Theodore, Nazareth; Northampton co. Coll.

Werner, W. H., Allentown. Coll.

MARYLAND and DIST. of COLUMBIA.

Baird, Prof. Spencer F., Washington, D. C.; Smithsonian Institution. Ass't Sec'y of Smithsonian Institute, and U. S. Com. of Fisheries. Ornithologist.

Coues, Elliott, M. D., Washington, D. C.; Smithsonian Institution. Ornithologist and Coll. for U. S. North-western Surveys.

DRYDEN, WM. WEST, Baltimore, Md.; 227 St. Paul st. Coll. *Eggs*, 50: Value, $35.

Walle, A., Baltimore, Md. Coll.

APPROXIMATE NO. OF ACTIVE ORNITHOLOGISTS IN THE MIDDLE STATES, ... 250.

WHITE, W. E., Mebaneville; Allemance co., **North Carolina.** Coll. *Eggs*, 175: Value, $25.

Webb Bros., Manitee, **Florida.** Colls. and Nat'sts.

Ragsdale, G. H., Gainesville; Cooke co., **Texas.** Coll.

Central States.

OHIO.

Benson, H. C., Gambier. Coll.

Chubb, H. E., Cleveland; 45 Fulton st. Coll.

Davie, Olliver, Columbus. Ornith. and Coll.

Dury, Charles, Cincinnati: 117 West Sixth st. Ornithologist and Coll.

FITCH, E. H., Toledo. Private Coll. and Ornith. Ed. *Scientific Monthly*. *Skins*, 100.

HOOD, E. L., Cleveland; 734 Logan st. Coll. and Taxidermist. *Eggs*, 300 species, 2000 specimens.

Jusper, Theodore, Columbus. Coll.

WHEATON, DR. J. M., Columbus; 50 South Fourth st. Ornithologist. *Eggs*, 75. *Skins*, 275 species, 1000 specimens.

Winslow, R. K., Cleveland. Coll.

KANSAS.

Snow, Prof. Frank H., Lawrence. Ornithologist.

Thomas, R. S., Fame; Greenwood co. Coll.

INDIANA.

BEASLEY, JOHN E., Lebannon; West Side Public Sq. Taxid. and Nat'st. *Eggs*, 130. *Skins*, 100 specimens. *Birds*, 500 specimens, and Entomological coll. Value of colls., $1000.

Byrkit, John W., Indianapolis. Coll. *Birds*, 100.

Haymond, Dr. Rufus, Brookeville. Ornithologist.

LEVETTE, G. M., M. D., Indianapolis; State Geologist. Private coll. *Eggs*, 317 specimens.

Stein, Frederick, Indianapolis. Coll.

ILLINOIS.

Barras, Chas. A., Jacksonville; Box 172. Ornith.

Bull, E. H., Ottawa. Coll.

Douglas, T. H. & C. W., Waukegan. Ornithologists.

EATON, D. H., Peotone; Will co. Coll. and Nat'st. *Eggs*, 160: Value, $45,

HAMILTON, C. W., Brimfield; Peoria co. *Eggs*, 175 species. *Skins*, 100 specimens; Value, $425.

Hamilton & Camp, Brimfield; Box 793, Peoria co. Colls. and Nat'sts. *Eggs*, 630 specimens. *Skins*, 175 specimens. *Nests*, 65: Value, $750.

NELSON, E. W., Chicago; 378 Erie st. Private Coll. *Eggs*, 200 species, 1200 specimens. *Skins*, 400 species, 2000 specimens: Value, $1000.

Rice, F. L., Evanston. Ornith. and Coll.

RIDGWAY, ROBERT, Mt. Carmel. Ornith. Of Smithson. Institution. *N. A. Birds*, 700 species, 3000 specimens.

Russell, Rev. A. B., Pekin. Ornithologist.

Velie, J. L., Chicago; 263 Wabash ave. Ornithologist. Of Chicago Acad. of Sciences.

Wheelan, John L., Hyde Park; Box 5. Coll.

IOWA.

PAGE, CHAS. N., Muscatine; Box 1057. Coll. *Eggs*, 220. *Skins*, 35. *Nests*, 100: Value, $200.

Page, J. W., Muscatine; Box 1057. Coll.

Peterson, Fred. S., Sioux City. Coll.

Stocker, S. M., Muscatine; Box 115. Coll.

Marley, F., Stanwix, Nebraska. Ornith. and Coll.

MICHIGAN.

Bannister, G. W., Monteith. Coll.

BOIES, A. H., Hudson. Taxidermist and Coll. *Birds and Skins*, 1000 specimens.

COLES, CHAS. E., Marshall; Box 710. Coll. and D'l'r.

COLLINS, W. H., Detroit; 152 Woodward ave. Coll. and Dealer. *Eggs*, 175 species, 10,000 specimens. *Skins*, 300. *Birds*, North Am., 400; foreign, 150: Value, $3000.

COVERT, ADOLPHE B., Ann Arbor; L'k box 87. Private coll. *Eggs*, 280 species, 1200 sp'm's. *Birds, and Skins*, 700 specimens: Value, $3000.

Crammer, John N., Kalamazoo; Box 660. Coll.

Finch, George, Grand Ledge. Coll.

Gibbs, R. M., Kalamazoo. Coll.

Greenway, Geo., Howell. Coll.

GUNN, CHAS. W., Grand Rapids; 10 Jefferson ave. Coll. and Dealer.

Hibbard, D. R., Constantine. Coll.

HOBSON, JAMES, Gibralter. Dealer and Coll.

Lord, H. Willie, Pontiac. Coll.

Mitchell, Geo., Grand Ledge. Coll.

PARKINSON, C. A., Detroit; 669 Second ave. Ornith. and Coll. *Eggs*, 180. *Skins*, 50. *Birds*, 90: Value, $400.

Richter, H., Bay City. Coll.

SUDWORTH, GEO. B., Kalamazoo; Box 902. Taxid. and Coll. *Eggs*, 200. *Skins*, 300 sp'c's, 500 sp'm's.

Summer & Parkinson, Detroit; 262 Chioghan st. Taxidermists and Dealers. Value of colls., $1800.

TROMBLEY, JEROME, Petersburg; Monroe co. Coll. &c.

Wood, Clark, Grand Ledge; Box 509. Coll.

Roberts, Thomas S., Minneapolis; 27 N. 8 st., **Minnesota.** Ornithologist and Coll. *Birds*, 220.

COLORADO.

AIKEN, CHAS. E., Colorado Springs. Ornithologist. Coll. and Dealer. *Eggs*, 3200 specimens. *Skins*. 5700 specimens: Value, $5000.

Carey, G. S., Denver. Coll.

Chambers, V. T., Colorado Springs. Ornithologist.

APPROXIMATE NO. OF ACTIVE ORNITHOLOGISTS IN THE CENTRAL STATES, ... 180.

Pacific States.

CALIFORNIA.

ALLEN, CHAS. A., Nicasio; Marin co. Coll. and D'l'r.

CLAYTON, THOS. W., Oakland; Box 61, Alameda co. Coll. *Eggs*, 60.

Cooper, Dr. J. G., Heywood; Alameda co. Ornith.

Cooper, W. A., Santa Cruz. Coll.

Francis, J. S., Santa Cruz; Box 65. Coll.

GRANT, E. A., San Diego. Coll. *Eggs*, 80.

GRUBER, PROF. F., San Francisco. Curator of Museum. Woodward's Gardens. Ornith. and Coll.

Krou, H. F., Santa Cruz. Coll.

Larquin, E. F., San Francisco 552 Pine st. Coll.

Leffingwell, Wm., St. Augustine. Coll.

Ready, George, Santa Cruz. Coll.

Sinnet, A., Santa Cruz. Coll.

Wickersham, Harry T., Oakland; Box 379. Coll.

Winch, Martin, Portland, **Oregon.** Coll.

APPROXIMATE NO. OF ACTIVE ORNITHOLOGISTS IN THE PACIFIC STATES AND TERRITORIES, . . **100.**

Estimated Number of Active Collectors and Students of Ornithology in the U. S., approximately, **850.**

FOREIGN DIRECTORY.

It was originally intended to make this a Directory of the Collectors and Ornithologists of the United States and Canada alone, but, on the suggestions of several persons interested, the names of some of the most prominent gentlemen of Europe, who make natural history a specialty, have been inserted. As Europe is eminent for its advancement in scientific research, it is thought that by inserting the names of her most prominent advocates of natural science, much benefit may result.

Canada.

Cornall, J. H., St. John, New Brunswick. Taxid.

Couper, Wm., Quebec, Quebec. Ornith. and Coll.

Egan, Thomas J., Halifax, Nova Scotia; 177 Lower Water st. Ornith. and Taxidermist. Value of collections, $2000.

Foley, Chas., Lindsay, Ontario. Coll. and Taxidermist. *Canadian Birds*, 155: Value, $600.

Holman, Geo., Toronto, Ontario; Ritche Terrace. Ornithologist and Coll.

Lechevalier, A., Montreal; 434 St. Mary st. Coll. and Taxidermist. *Eggs*, 3000 specimens.

Ross, Dr. A. M., Toronto, Ontario. Ornithologist.

[Note.—There are many other collectors in Canada, of whom nothing could definitely be ascertained.]

Harvey, M., St. Johns, **Newfoundland.** Naturalist.

Europe.

ENGLAND.

Cooke, T., London ; 513 New Oxford st. Tax. and D'l'r.

Crichton. Arthur Wm., London ; 11 Eaton Place, Belgrare square. Ornithologist.

Dresser, Henry E., London ; 6 Tenderden st., Hanover square. Ornithologist. Largest collection of European Eggs.

Franklin, Aaron, Birmingham ; 100 Suffolk st. Nat'st and Taxidermist.

Gardener, James, Sr., London ; 371 Oxford st. Nat'st and Taxidermist.

Gardener, James, London ; 425 Oxford st. Tax., D'l'r.

Günthe, Dr., London. Of British Museum. Zoologist.

Gurney, J. H., Marldon—Totnes. Ornithologist.

Hancock, John, Newcastle-on-Tyne ; 4 St. Mary's Terrace. Ornithologist.

Harting, J. E., London ; 24 Lincoln-Inn-Fields. Orn.

Hooper, E., Birmingham ; 54 Suffolk st. Nat. and D'l'r.

Leyland, Joseph, Liverpool ; 23 et 24 Williamson sq. Naturalist and Taxidermist.

Mansfield, Mrs. M., Birmingham ; 15 Bradford st. Naturalist and mfr. artificial eyes.

Moore, Thomas J., Liverpool. Of Free Public Museum. Zoologist.

Newton, Prof. Alfred, Cambridge. Ornith. Large ornithological and oölogical collections.

Nicholls, Edward, Kidderminster; 12 Bromegrove st. Naturalist and Taxidermist.

Nicholls, T., Kidderminster; Coventry st. Taxidermist.

Pache, C. & Son, Birmingham; 42 Worcester st. Naturalists and Dealers.

Rolleston, Prof., Oxford. Zoologist.

Salvin, Prof. Osbert, Cambridge. Zoologist. Large collections of Birds, Eggs and Insects.

Saunders, Howard, London; 7 Radner Place, Gloucester square. Ornithologist. Very complete collections of Bird-skins and Eggs, embracing a fine collection of *Sternidæ* and *Laridæ*.

Tristram, Rev. Henry B., Durham; The College. Ornithologist and Oölogist. *Eggs*, 1700, collected mainly by himself in America, Africa and Europe.

FRANCE.

Lescuyer, F., St. Dizier; Haute-Marne. Ornithologist.

Lortet, Dr., Lyons. Directeur du Musée de Lyons. Zoologist.

Milue-Edwards, Alphonse, Paris; Jardin des Plantes. Zoologist.

Oustelet, Emile, Paris; Jardin des Plantes. Ornith.

PRUSSIA.

Cabanis, Dr. John, Berlin. Ornithologist.

Finsch, Dr. Otto, Bremen. Of Bremen Museum. Orn.

Grube, Prof. E., Breslau. Zoologist.

Hartlaub, Dr. George, Bremen. Ornithologist.

Hötte, J. Bernard, Münster. Oölogist.

Loebenstein, Baron von, Lohsa; near Muskau, Lower Lusatia. Ornithologist.

Peters, Prof. William, Berlin. Director of the Royal Museum. Ornithologist.

Richenau, Dr. Anton., Berlin. Ornithologist.

Schimper, Prof., Strasbourg. Ornithologist &c.

WURTEMBURG.

Krauss, Dr. Prof., Stuttgard. Zoologist.

Warthausen, Baron Richard Koenig, von, Biberach. Oölogist. Fine collection of Eggs.

Siebold, Prof. von, Munich, **Bavaria.** Director of Museum. Zoologist.

Meyer, Dr. A. B., Dresden, **Saxony.** Director of Museum. Ornithologist.

ITALY.

Capellini, Prof., Bologna. Zoologist.

Cornalia, Prof. E., Milan. Museo Civico. Ornith.

Doria, Marchese Giovanni, Genoa. Museo Civico. Zool.

Giglioli, Prof. Enrico H., Florence. Ornith. &c.

Panceri, Prof., Naples. Museo Zoologico. Zoologist.

Parlatore, Prof., Florence. Botanist, &c.

Ricchiardi, Prof. S., Pisa; R. Universita. Ornith. &c.

Salvadori, Count Tomaso, Turin. Director of the Royal Museum. Ornithologist.

Sanctis, Prof. L. de, Rome; R. Universita. Zoologist.

Turati, Count Ercole, Milan; 13 Vie Meravigli. Ornithologist. Finest collection of Mounted Birds in the world; undoubtedly without a rival in the rarity and value scientifically, of its specimens.

AUSTRIA.

Pelzeln, Dr. A. von, Vienna. Of the Zoological Museum. Ornithologist.

Steindachner, Dr. Franz, Vienna. Director of Zoological Museum. Icthyologist and Herpetologist.

SWITZERLAND.

Demole, Isaac, Veytaux. Oölogist.

Humbert, Alois, Geneva. Ornithologist.

Saussuré, Henri de, Geneva. Zoologist.

Reinhart, Dr. J., Copenhagen, **Denmark.** Of Zoological Museum. Ornithologist.

Sundervell, Prof. C. J., Stockholm, **Sweden.** Ornith.

Luschnath, August, Bahia; Brazil, **South America.** Ornith. and Importer of Bird-skins and Eggs.

Morton, John, Invercargyl, **New Zealand.** Ornith.

Vanpaten, E. H., San Jose; Costa Rica, **Central America.** Naturalist and Coll.

Addenda to Directory.

The following were received too late for insertion under the proper heads, and are therefore subjoined to the regular list as addenda.

Maine.

Boardman, Geo. A., Calais. Ornith. and Coll. *Eggs*, 270. *Birds*, 266 species, 1000 specimens.

Rene, C., Mechanic's Falls. Coll.

Massachusetts.

Leonard, Geo. D., North Taunton. Coll.

Martin, P., Salem; Box 119. Coll.

Minot, H. D., Salem. Ornithologist.

Samuels, Edward A., Boston; State House. Ornith.

Rhode Island.

Southwick & Jencks, Providence; 283 Westminster st. Naturalists and Taxidermists.

New York.

Barlow, Thomas, Canastota. Ornith. and Coll. Largest collection of general natural history in New York State: Value, $20,000.

Boshart, Chas. F., Lowville; Lewis co. Coll.

Bush, W. T., Lowville; Lewis co. Coll.

Church, Chas. N., Troy; 63 1st st. Coll. *Eggs*, 75: Value, $35.

Scrimgeour & Thompson, New York; 148 William st. Naturalists and Taxidermists.

PENNSYLVANIA.

FOOTE, A. E., M. D., Philadelphia ; 3725 Lancaster av. Prof. chem. and min. Ornithologist and Nat'st.

McElvain, John H., West Philadelphia ; 3305 Baring st. Ornithologist and Coll.

OHIO.

Buffett, Dr. C., Cleveland. Ornithologist.

Darbey, Dr. J. E., Cleveland. Ornith. Fine collection of Birds.

Hall, N. A., Cleveland. Ornith. and Taxidermist.

Newberry, Dr. C. G., Cleveland. Ornithologist.

DIST. COLUMBIA.

HAYDEN, DR. F. V., Washington. U. S. Geol. Nat'st.

ILLINOIS.

Decker, A. M., Chicago ; 113 3d st. Ornith. and D'l'r.

TEXAS.

Merrill, J. C., M. D., Fort Brown. Ornithologist.

CALIFORNIA.

Woodward, R. B., San Francisco ; Woodward's Gardens. Naturalist.

CANADA.

Herring, S., Toronto, Ontario. Taxidermist and Coll.

Hudson, Chas., Peterboro, Ontario. Taxid. and Coll.

Correction:

Page 9, 7th line under Massachusetts, instead of *Birds*, 1700, read *Eggs*, 1700.

Items of Ornithological Interest.

Ornithology as a popular science, has within the last quarter of a century received great attention, and every civilized government in the world has devoted more or less consideration to it. Important discoveries of many hitherto unknown fossil and gigantic species of birds have been made, which have aroused the interest of scientific men, and, instead of creating a transitory impression, they have formed the basis of our present knowledge concerning the ancient types; expeditions to the remotest and most isolated portions of the globe, have revealed birds that existed only in ancient historic or pre-historic ages, and have contributed to our information a great deal relating to their structure, habits and eggs. No expedition is thoroughly organized and equipped now, without its special ornithologists, and the workings of these, in conjunction with the facilities afforded, have placed the study of birds among the most patronized of nature's productions.

The most notable recent discoveries are the Sheath-bill of the Kerguelen Islands, the Moa of New Zealand, the extinct birds with teeth, and one or two others. Many new species have been added to our list, notably in the south-west, among which are several species of Humming Birds, Warblers, etc. The present nomenclature and systematical arrangement of birds, is much better in some respects than the old method, and the general literature upon ornithology, never was more thorough and comprehensive.

Collecting specimens of birds and eggs for private examination and study, has attained great popularity, and proven of great value to individual ornithologists and oölogists, who now vie with each other in the rarity and value of their collections. A particular branch of scientific research is the pursuit of collecting fossil eggs, and in this relation, some wonderful acquisitions have been made by scientific academies. We hear of such eggs as those of the Moa, measuring eight inches long by six in width; of the *Æpyornis maximus*, an egg measuring eleven by thirteen inches, with a capacity of over eight quarts; of the Sheath-bill (*Chionis minor*), and others being discovered and added to the collections of our public institutions.

The growth of interest in ornithology, and the advancement made in various connections for promoting this science, are exemplified by the rapid increase in the number of species of North American birds discovered, since the first list was published. The following is a list of the number of birds given at different times from 1814 to the present time :—

North American Birds according to Wilson, 1814, . 283.

North American Birds given by Bonaparte, 1838, . . 471.

North American Birds according to Audubon, 1844, . 506.

North American Birds described in 1860, with extra-limital species, ... 738.

North American Birds described in 1860, known to be actual inhabitants, ... 674.

Number of Species of North American Birds, 1877, . 648.

Number of Species and Varieties* of North American Birds, 1877, about . . . . . 770.

Number of Species and Varieties inhabiting various portions of the world, about. . . . . 6000.

Number of Species of Birds found in Certain States.

The following is a list of the number of Birds found in various States. It may be useful for reference.

Arizona; by Lieut. H. W. Henshaw, . 291.

Colorado; by Chas. E. Aiken, . . . 275.

Eastern Maine; by G. A. Boardman, . 280.

Florida; by C. J. Maynard, ... 275.

Illinois; by Robert Ridgway, ... 345.

Iowa; by J. A. Allen, ... 283.

Kansas; by Prof. F. H. Snow, . . . 294.

Massachusetts; ————, ... 300.

Michigan; by A. H. Boies, ... 224.

New Jersey; by Dr. C. C. Abbott, . . 222.

New York; by S. L. Willard, . . . 300.

Ohio; by Dr. J. M. Wheaton, ... 298.

New England; by Dr. T. M. Brewer, . 336.

*Many ornithologists deny the propriety of such a list of varieties, and will not accept it; others consider but very few birds as varieties. According to the latter class, which is most numerous, the list would stand about as follows: Number of North American Species, 700, Varieties, 70.

A Synopsis of Ornithological Items.

In connection with the foregoing items, a few relative to some of the largest collections in the United States, are given below. In some cases, information was refused on facts that might prove of much interest, for what reason it was impracticable to ascertain.

Approximate Value of the Public and Private Ornithological and Oölogical Collections in U. S., . . $800,000.

—Of Public Collections, . . $600,000.

—Of Private Collections, . . $200,000.

[These values are based upon the information in my possession, with, of course, due allowance for the values of collections of which nothing could definitely be ascertained, and exclusive of the museums of zoological gardens, etc.]

The National Museum of the Smithsonian Institution, at Washington, is the largest public museum in the United States. Its collections embrace species of birds from all portions of the globe, so far explored, and represent nearly every species and variety of North American bird known at present.

Number of Birds in Smithsonian Institution, . 70,750.

Number of Eggs in Smithsonian Institution, . 17,270.

OF PRIVATE COLLECTIONS.

The following are some of the largest private collections in the United States. The specimens for the most part, were collected by the owners themselves.

—The finest and largest collection of Birds' Eggs in America, is that of Dr. T. M. Brewer, of Boston, which comprises 1700 species, collected in different countries as follows :—

North America, ...	600	species.
Europe, ...	450	"
South A., Africa, Asia, Australia, .	650	"

—Completest private collection of North American Birds, is that of Mr. Robert Ridgway.

Number of species represented, ...	700.
Number of specimens, ...	3000.

embracing specimens in various stages of plumage, etc.

—Largest private collection of Massachusetts Birds, is that of Mr. Wm. Brewster, of Cambridge, embracing 500 specimens.

—Largest private collection of Maine Birds, is that of Prof. J. Y. Stanton, of Lewiston.

—Largest private collection of Bird Skeletons in Massachusetts, and completest private collection of Sternums in North America, C. J. Maynard, of Newtonville.

—Probably the largest private library of ornithological works in North America, is that of Prof. J. Y. Stanton, of Lewiston, Maine, embracing 200 volumes.

OF ACADEMY COLLECTIONS.

Some of the museums of the scientific societies and academies of natural science, contain very many valuable

and rare specimens, especially in ornithology. With the exception of the Philadelphia, Cambridge and Peabody scientific societies, the collections and present officers of our most prominent institutions are given below. No information regarding the extent of the collections of the above academies could be obtained.

—*American Asso'n for the Advancement of Science;* holds annual scientific discussions at pre-designated cities in the United States. Principal officers elected to officiate for the term of one meeting.

—*Boston Society of Natural History*, Boston, Mass; possesses the third largest ornithological collection in North America.

Officers.

PRES., Thos. T. Bouvé, V. PRES'TS, Samuel H. Scudder; John Cummings. CUSTODIAN, Alpheus Hyatt. SEC'Y, Edw. Burgess. TREAS.,——— LIBRARIAN, Edw. Burgess.

—*Brooklyn, N. Y., Oological Society's* collections embrace 200 spe's and 600 sp'm's of N. A. Birds' Eggs.

Officers.

PRES., S. D. Osborne. V. PRES., T. B. Stearns. COR. SEC'Y, B. H. Richardson. REC. SEC'Y, G. H. Sheldon. TREAS., W. Plimpton.

—*Kirtland Society of Natural Sciences*, Cleveland, Ohio; possesses a collection of 443 species and 956 specimens of North American Birds.

Officers.

PRES., R. K. Winslow. V. PRES'TS, Dr. E. Sterling, Dr. C. Buffett, I. F. Isom. COR. SEC'Y, Prof. S. G. Williams. REC. S'Y, H. C. Gaylord. TR., I. F. Isom.

—*Toledo Society of Natural Sciences*, Toledo, Ohio; has a fine collection of Birds, mainly of Ohio, embracing over 400 specimens.

Officers.

PRES., Prof. E. W. E. Koch. V. PRES'TS, Rev. Dr. Leighton Coleman; Richard Waite. SEC'Y and TR., E. H. Fitch.

—*Toledo Society of Ornithologists and Oologists*, Toledo, Ohio; possesses a collection of 200 specimens.

Officers.

PRES., E. H. Fitch. V. PRES., W. H. Machen. SEC'Y, ———. TREAS., ———

Standard Ornithological Works.

The books named below, are the latest standard works on general ornithology.

—*Birds of North America.* Prof. S. F. Baird, Dr. T. M. Brewer and Mr. Robert Ridgway. A thorough and complete work, describing all North American Birds known up to the time of its publication. 4 vols. Vols. I, II and III, Land Birds; vol. IV, Water Birds. 4to. Fully illustrated with plates and wood-cuts. Price, $10 per vol.; hand colored, $20. Messrs. Little, Brown & Co., Boston, Mass.

—*Birds of North America.* Baird, Cassin and Lawrence. 4to.; 2 vols. Price, $30. Naturalist's Agency, Salem, Mass.

—*Birds of Florida.* C. J. Maynard. Contains descriptions of the Birds found in Florida. Issued in parts. 4to.; 460 pp. Price, complete, $10. C. J. Maynard & Co., Newtonville, Mass.

—*Birds of New England and Adjacent States.* Edward A. Samuels. Descriptions and habits of the Birds of North-eastern U. S. Illustrated. 8vo. ; 594 pp. Price, Popular Edition, $4 ; National Edition, $9 ; State Edition, $7.50 ; University Edition, $15. Noyes, Holmes & Co., 117 Washington st., Boston, Mass.

—*Field Ornithology.* Dr. Elliott Coues. A book of instructions in practical ornithology, how to collect birds etc. 8vo. Price, with check-list of N. A. Birds, $2.50. Naturalists' Agency, Salem, Mass.

—*Key to North American Birds.* Dr. Elliott Coues. A treatise on the habits of North American Birds. Illustrated. 8vo. ; 369 pp. Price, $7. Naturalists' Agency, Salem, Mass.

Periodicals.

—*American Naturalist* ; monthly. $4 per year. 8vo. ; 1–64 pp. Devoted to natural history generally. Dr. A. S. Packard, Jr., editor. Published by H. O. Houghton & Co., Cambridge, Mass.

—*Forest and Stream* ; weekly. $4 per year. 1–16 pp. Devoted to natural history and sporting views. Charles Hallock, editor. Published at 17 Chatham st., New York.

—*Nuttall Ornithological Bulletin* ; quarterly. $1 per year. 8vo. Devoted to Birds and Birds' Eggs. Edited by the Nuttall Ornith. Club. Published by the Club, Cambridge, Mass.

—*Oologist* ; monthly. 40 cents per year. 8vo. ; 1-8 pp. Devoted to Birds and Birds' Eggs. S. L. Willard & Co., editors. Published at 27 Oneida st., Utica, N. Y.

—*Rod and Gun*; weekly. $4 per year. 1–16 pp. Devoted mainly to sporting and sportsmen's views. Edited by Wilbur F. Parker. Pub. at West Meriden, Conn.

—*Toledo Scientific Monthly*; monthly. $3 per year. 8vo.; 1–56 pp. Issued partly in the interests of ornithology. Edited by E. H. Fitch, Toledo, Ohio.

[Many other periodicals might be mentioned that devote a portion of their space to ornithology, occasionally, but the intention was to give the names only of those that favor ornithology and oölogy as a specialty.]

A LIST OF

The Birds of Central New York.

S. L. WILLARD.

THE following is a complete list of the Birds of Central New York, with notes on their abundance.

1. *Turdus migratorius*, Robin. Abundant. Summer resident.

2. *Turdus mustelinus*, Wood Thrush. Summer res.

3. *Turdus Pallasi*, Hermit Thrush. Common. Summer resident.

4. *Turdus Swainsoni*, Olive-backed Thrush. Not common. Summer resident.

5. *Turdus fuscescens*, Wilson's Thrush. Abundant. Summer resident.

6. *Mimus polyglottus*, Mocking Bird. Occasional.

7. *Mimus carolinensis*, Cat Bird. Abund. Sum. res.

8. *Harporhynchus rufus*, Brown Thrush. Not common. Breeds in southern N. Y.

9. *Sialia sialis*, Blue Bird. Abundant. Sum. res.

10. *Regulus calendula*, Ruby-crowned Kinglet. Summer resident in some localities; migratory.

11. *Regulus satrapa*, Golden-crested Kinglet. Migratory; rarely summer resident.

12. *Lophophanes bicolor*, Tufted Titmouse. Rare.

13. *Polioptila cærulæa*, Blue-gray Gnatcatcher. Rare. Summer resident (western districts).

14. *Parus atricapillus*, Black-capped Titmouse. Very common. Resident.

15. *Parus hudsonicus*, Hudsonian Titmouse. Not common. Seen only in winter.

16. *Sitta carolinensis*, White-bellied Nuthatch. Common. Resident.

17. *Sitta canadensis*, Red-bellied Nuthatch. Rare. Migratory.

18. *Certhia americana*, Brown Creeper. Common. Summer resident.

19. *Thryothorus ludovicianus*, Great Carolina Wren Occasional.

20. *Troglodytes aedon*, House Wren. Ab. Sum. res.

21. *Troglodytes aedon*, var. *hyemalis*, Winter Wren. Not common. Resident.

22. *Cistothorus palustris*, Long-billed Marsh Wren. Not common. Summer resident in southern districts.

23. *Cistothorus stellaris*, Short-billed Marsh Wren. Occasional (central districts) ; sum. res. (south'n dists).

24. *Anthus ludovicianus*, Tit-lark. Rare. Wint. vis.

25. *Mniotilta varia*, Black-and-white Creeper. Not uncommon. Summer resident.

26. *Parula americana*, Blue Yellow-back. Not common. Summer resident.

27. *Protonotaria citræa*, Prothonotary Warbler. Occasional in central districts ; rare in northern districts.

28. *Helmitherus vermivorus*, Worm-eating Warbler. Rare. Summer resident. [Nest taken at Utica, 1873.]

29. *Helminthophaga pinus*, Blue-winged Yellow Warbler. Occasional. Migratory.

30. *Helminthophaga chrysoptera*, Blue Golden-w'g Warbler. Occasional; migratory.

31. *Helminthophaga ruficapilla*, Nashville Warbler. Not common. Summer resident.

32. *Helminthophaga celata*, Orange-crowned Warbler. Occasional; migratory.

33. *Helminthophaga peregrina*, Tennessee Warbler. Summer resident in some districts; migratory.

34. *Dendræca æstiva*, Summer Warbler. Sum. res.

35. *Dendræca virens*, Black-throated Green Warb. Common. Summer resident.

36. *Dendræca cærulescens*, Black-th'ted Blue Warbler. Common. Summer resident in most districts.

37. *Dendræca cærulea*, Blue Warbler. Not common. Summer resident in some localities; migratory.

38. *Dendræca coronata*, Yellow-rumped Warbler. Common. Summer resident.

39. *Dendræca blackburniæ*, Blackburnian Warbler. Common. Migratory.

40. *Dendræca striata*, Black-poll Warb. Not common. Resident in northern districts; migratory.

41. *Dendræca castanea*, Bay-breasted Warb. Common. Summer resident in north; migratory.

42. *Dendræca pennsylvanica*, Chestnut-sided Warbler. Common. Summer resident.

43. *Dendræca maculosa*, Black-and-Yellow Warbler. Not common. Chiefly migratory.

44. *Dendræca discolor*, Prairie Warbler. Not common. Chiefly migratory.

45. *Dendræca palmarum*, Yellow Red-polled Warbler. Not common. Migratory.

46. *Dendræca pinus*, Pine-creeping Warbler. Not common. Summer resident.

47. *Seiurus aurocapillus*, Oven Bird. Summer res.

48. *Seiurus noveboracensis*, Water Thrush. Sum. r.

49. *Seiurus ludovicianus*, Large-bill'd Water Thrush. Occasional. Migratory.

50. *Oporonis agilis*, Connecticut Warb. Rare. Mig.

51. *Geothlypis trichas*, Maryland Yellow-th't. Very common. Summer resident.

52. *Geothlypis philadelphia*, Mourning Warbler. Rare. Migrant.

53. *Icteria virens*, Yellow-breasted Chat. Occasional visitant; common in southern N. Y.

54. *Myiodioctes mitratus*, Hooded Warbler. Not common. Summer resident in central and northern districts; migratory.

55. *Myiodioctes pusillus*, Green Black-capped Flycatching Warbler. Not common in western districts; rare in north-east. Migratory.

56. *Myiodioctes canadensis*, Canada Flycatching Warbler. Not common. Summer resident.

57. *Setophaga ruticilla*, Redstart. Abund. Sum. res.

58. *Pyranga rubra*, Scarlet Tanager. Com. Sum. r.

59. *Pyranga æstiva*, Summer Red Bird. Accidental in southwestern N. Y.

60. *Hirundo horreorum*, Barn Swallow. Sum. res.

61. *Hirundo bicolor*, White-bellied Swallow. Summer resident.

62. *Petrochelidon lunifrons*, Cliff Swallow. Sum. r.

63. *Cotyle riparia*, Bank Swallow. Summer res.

64. *Stelgidopteryx serripennis*, Rough-winged Swallow. Rare. Summer resident (southwest).

65. *Pronge purpurea*, Purple Martin. Summer res.

66. *Ampelis garrulus*, Bohemiam Waxwing. Rare. Seen only in winter.

67. *Ampelis cedrorum*, Cedar Bird. Com. Sum. res.

68. *Vireo olivaceous*, Red-eyed Vireo. Summer res.

69. *Vireo philadelphiacus*. Philadelphia Vireo. Rare. Chiefly migratory.

70. *Vireo gilvus*, Warbling Vireo. Com. Sum. res.

71. *Vireo flavifrons*, Yellow-throated Vireo. Common. Summer resident.

72. *Vireo solitarius*, Solitary Vireo. Com. Sum. res.

73. *Vireo noveboracensis*, White-eyed Vireo. Common. Summer resident.

74. *Collurio borealis*, Great Northern Shrike. Not common. Resident in north-central localities.

75. *Collurio ludovicianus*,* Loggerhead Shrike. Rather rare. Summer resident.

76. *Pinicola enucleator*, Pine Grosbeak. Winter vis.

77. *Carpodacus purpureus*, Purple Finch. Common. Summer resident.

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* It has been put forth by a few ornithologists outside of this State, that the prevailing species of this family is a northern variety of the southern *ludovicianus*, thus averring the existence of a bird of which we have no cognizance. So far as ascertained, *C. ludovicianus*, variety *excubitoroides* is the southern representative of the original Loggerhead, which is the only form of this species found in this State. Perhaps it might be well to state that this bird is much the less common of the two species found here.

78. *Loxia leucoptera*, White-winged Crossbill. Not common. Winter resident.

79. *Loxia curvirostris*, Red Crossbill. Not common. Winter visitant.

80. *Ægiothus linaria*, Red-polled Linnet. Wint. vis.

81. *Ægiothus linaria*, var. *exilipes*, Mealy Red-polled Linnet. Accidental (northern districts).

82. *Chrysomitris pinus*, Pine Linnet. Not common. Winter visitant.

83. *Chrysomitris tristis*, Yellow Bird. Abundant. Partially resident.

84. *Plectrophanes nivalis*, Snow Bunting. Common in winter.

85. *Plectrophanes lapponicus*, Lapland Longspur. Rare winter visitant.

86. *Passerculus savanna*, Savannah Sparrow. Common. Summer resident.

87. *Pooecetes gramineus*, Grass Finch. Summer res.

88. *Conturniculus passerinus*, Yellow-winged Sparrow. Abundant. Summer resident.

89. *Ammodromus caudacutus*, Sharp-tailed Finch. Occasional summer resident.

90. *Melospiza Lincolni*, Lincoln's Finch. Occasional. Chiefly migrant.

91. *Melospiza palustris*, Swamp Sparrow. Sum. res.

92. *Melospiza melodia*, Song Sparrow. Summer res.

93. *Junco hyemalis*, Snow Bird. Common. Resident (north-east); chiefly migratory.

94. *Spizella monticola*, Tree Sparrow. Common in fall, winter, and spring. Rare resident in northern dists.

95. *Spizella socialis*, Chipping Sparrow. Sum. res.

96. *Spizella pusilla*, Field Sparrow. Com. Sum. res.

97. *Zonotrichia albicollis*, White-throated Sparrow. Summer resident in northern districts; migrant.

98. *Zonotrichia leucophrys*, White-crowned Sparrow. Common fall, spring and winter migrant.

99. *Chondestes grammaca*, Lark Finch. Occasional in south-western districts.

100. *Passer domesticus*, English Sparrow. Abund. Resident.

101. *Passerella iliaca*, Fox-colored Sparrow. Rather common in spring and fall. Migratory.

102. *Euspiza americana*, Black-throated Bunting. Rare summer resident in south-western districts; occasional in central districts.

103. *Guiraca ludoviciana*, Rose-breasted Grosbeak. Common. Summer resident.

104. *Guiraca cærulea*, Blue Grosbeak. Accidental.

105. *Cyanospiza cyanea*, Indigo Bird. Com. Sum. r.

106. *Cardinalis virginianus*, Red Bird. Rare. Summer resident.

107. *Pipilo erythrophthalmus*, Towhee. Not common. Chiefly migrant.

108. *Dolychonyx oryzivorus*, Bobolink. Summer res.

109. *Molothrus ater*, Cow Bird. Sum. res. Nomadic.

110. *Agelæus phœniceus*, Red-winged Blackbird. Abundant. Summer resident.

111. *Sturnella magna*, Meadow Lark. Summer res.

112. *Icterus spurius*, Orchard Oriole. Com. Sum. r.

113. *Icterus baltimore*, Baltimore Oriole. Sum. res.

114. *Scoleophagus ferrugineus*, Rusty Blackbird. Not common. Rare summer resident; migratory.

115. *Quiscalus major*, Boat-tailed Grackle. Accid'l.

116. *Quiscalus purpureus*, Crow Blackbird. Abundant. Summer resident.

117. *Corvus carnivorus*, Raven. Rather rare. Res.

118. *Corvus americanus*, Common Crow. Resident.

119. *Corvus ossifragus*, Fish Crow. Occasional. (Oneida county, 1874.)

120. *Cyanura cristata*, Blue Jay. Common. Summer resident. A few winter.

121. *Perisoreus canadensis*, Canada Jay. Rare summer resident in north; occasional in central districts.

122. *Tyrannus carolinensis*, King Bird. Sum. res.

123. *Myiarchus crinitus*, Great-crested Flycatcher. Common. Summer resident.

124. *Sayornis fuscus*, Pewee. Abund. Summer res.

125. *Contopus borealis*, Olive-sided Flycatcher. Rare. Summer resident.

126. *Contopus virens*, Wood Pewee. Summer res.

127. *Empidonax acadius*, Green-crested Flycatcher. Not common. Summer resident.

128. *Empidonax minimus*, Least Flycatcher. Common. Summer resident.

129. *Empidonax flaviventris*, Yellow-bellied Flycatcher, Not common. Chiefly resident.

130. *Antrostomus vociferus*, Whip-poor-will. Rather rare. Summer resident.

131. *Chordeiles virginianus*, Night Hawk. Common. Summer resident.

132. *Chætura pelasgia*, Chimney Swift. Sum. res.

133. *Trochilus colubris*, Humming Bird. Sum. res.

134. *Ceryle alcyon*, Belted Kingfisher. Summer res.

135. *Coccygus erythrophthalmus*, Black-billed Cuckoo. Abund. Summer resident.

136. *Coccygus americanus*, Yellow-billed Cuckoo. Common. Summer resident.

137. *Campephilus principalis*, Ivory-billed Woodpecker. Accidental in southern district.

138. *Hylotomus pileatus*, Pileated Woodpecker. Resident. Very rare.

139. *Picus villosus*, Hairy Woodpecker. Com. Res.

140. *Picus pubescens*, Downy Woodpecker. Resident.

141. *Picoides arcticus*, Three-toed Woodpecker. Occasional winter visitant.

142. *Picoides americanus*, Banded Three-toed Woodpecker. Accidental (Lewis county).

143. *Sphyrapicus varius*, Yellow-bellied Woodpecker. Common. Resident; migratory in southern districts.

144. *Centurus carolinus*, Red-bellied Woodpecker. Occasional. Chiefly migrant.

145. *Melanerpes erythrocephalus*, Red-headed Woodpecker. Abund. Summer resident.

146. *Colaptes auratus*, Golden-winged Woodpecker. Abund. Summer resident.

147. *Strix pratincola*, Barn Owl. Accidental.

148. *Bubo virginianus*, Great Horned Owl. Common. Mostly resident.

149. *Scops asio*, Mottled Owl. Common. Chiefly res.

150. *Otus Wilsonianus*, Long-eared Owl. Com. Res.

151. *Brachyotus palustris*, Short-eared Owl. Not common. Summer resident.

152. *Syrnium cinereum*, Great Gray Owl. Accid'l in winter.

153. *Syrnium nebulosum*, Barred Owl. Not common. Resident.

154. *Nyctea nivea*, Snowy Owl. Com. Winter res.

155. *Syrnia ulula*, Hawk Owl. Occasional winter visitant.

156. *Nyctale acadica*, Acadian Owl. Rather rare. Summer resident.

157. *Circus hudsonius*, Marsh Hawk. Com. Summer resident; in some districts resident.

158. *Accipiter fuscus*, Sharp-shinned Hawk. Common. Partially resident.

159. *Accipiter Cooperi*, Cooper's Hawk. Sum. res.

160. *Astur atricapillus*, Goshawk. Rare. Chiefly winter visitant.

161. *Falco anatum*, Duck Hawk. Rare. Chiefly winter visitant.

162. *Falco columbarius*, Pigeon Hawk. Not common. Summer resident.

163. *Falco sparverius*, Sparrow Hawk. Summer res.

164. *Buteo borealis*, Red-tailed Hawk. Com. Res.

165. *Buteo lineatus*, Red-shouldered Hawk. Common. Resident.

166. *Buteo pennsylvaniacus*, Broad-winged Hawk. Common. Partially resident.

167. *Archibuteo lagopus*, var. *sancti-johannis*, Rough-legged Hawk. Not common. Resident.

168. *Pandion carolinensis*, Fish Hawk. Not common. Summer resident.

169. *Aquila chrysaetus*, Golden Eagle. Rare. Res.

170. *Haliaetus leucocephalus*, White-headed Eagle. Common. Resident.

171. *Cathartes aura*, Turkey Buzzard. Accidental.

172. *Ectopistes migratorius*, Wild Pigeon. Chiefly migratory; summer resident in northern districts.

173. *Zenaidura carolinensis*, Carolina Dove. Rare. migratory.

174. *Meleagris gallopavo*, var. *americana*, Wild Turkey. Extremely rare; does not occur in central dists.

175. *Tetrao canadensis*, Canada Grouse. Rare. Resident in northern districts.

176. *Cupidonia cupido*, Pinnated Grouse. Accidental; was once quite plentiful.

177. *Bonasa umbellus*, Ruffed Grouse. Abund. Res.

178. *Lagopus albus*, White Ptarmigan. Rare. Winter sojourner.

179. *Ortyx virginianus*, Quail. Rare in central districts; not common in south-west. Resident.

180. *Squatarola helvetica*, Black-bellied Plover. Migratory. Rare.

181. *Charadrius fulvus*, Golden Plover. Rare. Mig.

182. *Ægialitis vociferus*, Killdeer. Abund. Sum. r.

183. *Ægialitis Wilsonius*, Wilson's Plover. Rather rare. Migratory.

184. *Ægialitis semipalmatus*, Semipalmated Plover. Rather common. Migratory.

185. *Ægialitis melodius*, Piping Plover. Rare. Mig.

186. *Strepsilas interpres*, Turnstone. Rare. Migrant.

187. *Recurvirostra americana*, American Avocet. Rare. Migrant.

188. *Himantopus nigricollis*, Black-necked Stilt. Occasional. Chiefly migratory.

189. *Steganopus Wilsoni*, Wilson's Phalarope. Rather rare. Migratory.

190. *Lobipes hyperboreus*, Northern Phalarope. Migratory. Very rare.

191. *Phalaropus fulicarius*, Red Phalarope. Accid'l.

192. *Philohela minor*, American Woodcock. Common. Partially resident.

193. *Gallinago Wilsoni*, Wilson's Snipe. Common. Chiefly migratory; summer resident in northern dists.

194. *Macrorhamphus griseus*, Red-breasted Snipe. Rare. Migratory.

195. *Micropalama himantopus*, Stilt Sandpiper. Quite rare. Migratory.

196. *Ereunetes petrificatus*, Semipalmated Sandpiper. Not com. Migratory; probably breeds in north'n dists.

197. *Tringa minutilla*, Least Sandpiper. Common. Chiefly summer resident.

198. *Tringa maculata*, Pectoral Snipe. Not common. Migratory.

199. *Tringa Bonapartei*, Bonaparte's Sandpiper. Very rare. Migratory.

200. *Tringa alpina*, var. *americana*, American Dunlin. Rare. Migratory.

201. *Limosa hudsonica*, Hudsonian Godwit. Occasional migrant.

202. *Totanus semipalmatus*, Willet. Rather rare. Migratory.

203. *Totanus melanoleucus*, Greater Tell-tale. Common. Migratory.

204. *Totanus flavipes*, Yellow-legs. Not common. Migratory.

205. *Ryacophilus solitarius*, Solitary Sandpiper. Common. Summer resident.

206. *Tringoides macularius*, Spotted Sandpiper. Abundant. Summer resident.

207. *Actiturus Bartramius*, Field Plover. Common. Summer resident in lower districts.

208. *Numenius longirostris*, Long-billed Curlew. Occasional visitant.

209. *Numenius borealis*, Esquimaux Curlew. Occas.

210. *Ardea herodias*, Great Blue Heron. Sum. res.

211. *Ardea egretta*, White Heron. Rare summer vis.

212. *Ardea candidissima*, Snowy Heron. Rare summer visitant.

213. *Ardea cærulea*, Blue Heron. Accidental.

214. *Ardea virescens*, Green Heron. Com. Sum. res.

215. *Nyctiardea grisea*, Night Heron. Rather rare. Summer resident.

216. *Botaurus minor*, Bittern. Common. Sum. res.

217. *Ardetta exilis*, Least Bittern. Not com. Sum. res.

218. *Rallus elegans*, Marsh Hen. Not common. Summer resident.

219. *Rallus virginianus*, Virginia Rail. Abundant. Summer resident.

220. *Porzana carolina*, Common Rail. Summer res.

221. *Porzana noveboracensis*, Yellow Rail. Chiefly migratory. Rare.

222. *Gallinula galeata*, Florida Gallinule. Occasional. Migrant.

223. *Fulica americana*, Coot. Com. Summer res.

224. *Cygnus americanus*, American Swan. Rather rare. Migratory.

225. *Anser albifrons*, var. *Gambeli*, White-fronted Goose. Rare. Migratory.

226. *Anser hyperboreus*, Snow Goose. Rare. Mig.

227. *Branta bernicla*, Brant. Not uncommon. Mig.

228. *Branta canadensis*, Canada Goose. Common. Migratory.

229. *Branta Hutchinsii*, Hutchins' Goose. Very rare. Migratory.

230. *Anas boschas*, Mallard. Rather common. Migratory. Breeds in extreme northern sections.

231. *Anas obscura*, Black Duck. Common. Migratory; resident in some districts.

232. *Dafila acuta*, Sprig-tail. Rather com. Migrant.

233. *Chaulelasmus streperus*, Gray Duck. Not common. Probably breeds in some sections.

234. *Mareca americana*, American Widgeon. Not common. Migratory.

235. *Querquedula carolinensis*, Green-winged Teal. Common. Chiefly migratory.

236. *Querquedula discors*, Blue-winged Teal. Not common. Migratory.

237. *Spatula clypeata*, Shoveller. Not common. Migratory.

238. *Aix sponsa*, Summer Duck. Com. Summer res.

239. *Fuligula marila*, Greater Black-head. Migratory. Not common.

240. *Fuligula affinis*, Lesser Black-head. Occasional. Migratory.

241. *Fuligula collaris*, Ring-necked Duck. Migratory. Rare.

242. *Fuligula ferina*, var. *americana*, Red-head. Not common. Migratory; possibly breeds on northeastern boundary.

243. *Fuligula vallisneria*, Canvass-back. Very rare. Migratory.

244. *Bucephala americana*, Golden-eyed Duck. Migratory. Rare.

245. *Bucephala albeola*, Buffle-head. Abund. Summer resident on northeastern border; migratory.

246. *Harelda glacialis*, Long-tailed Duck, Occasional. Winter visitant.

247. *Histrionicus torquatus*, Harlequin Duck. Accidental in winter.

248. *Somateria mollissima*, Eider Duck. Accid'l.

249. *Mergus merganser*, Merganser. Not common. Migratory.

250. *Mergus serrator*, Red-breasted Merganser. Not common. Chiefly migrant.

251. *Mergus cuculatus*, Hooded Merganser. Not uncommon. Summer resident in northern sections.

252. *Pelecanus erythrorhynchus*, White Pelican. Accidental on our northern boundary.

253. *Larus marinus*, Great Black-backed Gull. Winter sojourner. Rare.

254. *Larus argentatus*, var. *Smithsonianus*, Herring Gull. Common. Resident.

255. *Larus delawarensis*, Ring-billed Gull. Not common. Migrant in winter.

256. *Larus atricilla*, Laughing Gull. Com. Summer resident.

257. *Larus philadelphia*, Bonaparte's Gull. Common. Summer resident.

258. *Sterna hirundo*, Common Tern. Abund. Summer resident chiefly.

259. *Sterna macroura*, Arctic Tern. Common. Migratory mostly.

260. *Sterna paradisea*, Roseate Tern. Rather rare. Migratory.

261. *Hydrochelidon fissipes*, Black Tern. Occasional.

262. *Rhynchops nigra*, Black Skimmer. Occasional winter visitant.

263. *Colymbus torquatus*, Loon. Common. Resident.

264. *Colymbus septentrionalis*, Red-throated Diver. Occasional. Migratory.

265. *Podiceps griseigena*, Red-necked Grebe. Rare.

266. *Podiceps cornutus*, Horned Grebe. Rare. Mig.

267. *Podilymbus podiceps*, Carolina Grebe. Common. Summer resident.

A FEW species given in this list have never, that I am aware of, occurred in the central portion of the State. Such are the the Summer Red-bird, Blue Grosbeak, Turkey Buzzard, Red Phalarope, Harlequin Duck and White Pelican. However, all of these birds have been taken in the State, some of them frequently, and therefore should be retained as accidental in these sections.

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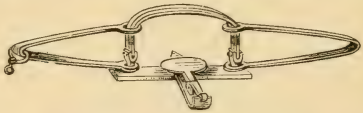

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